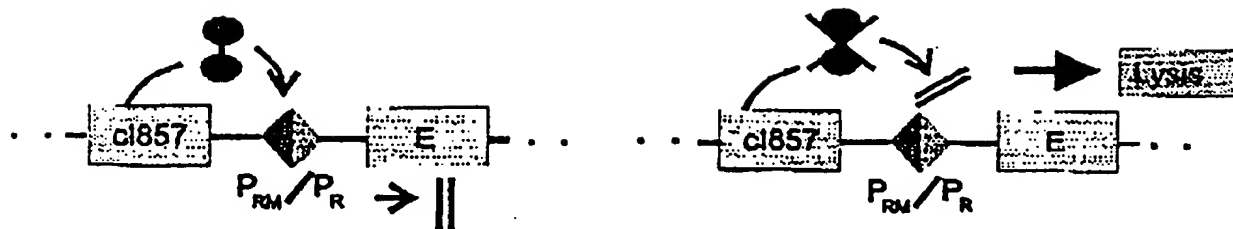
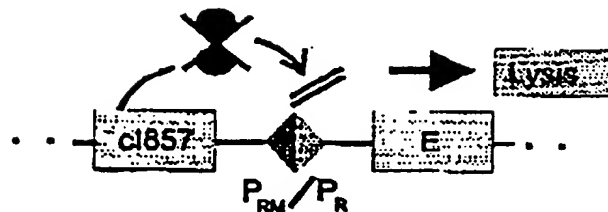
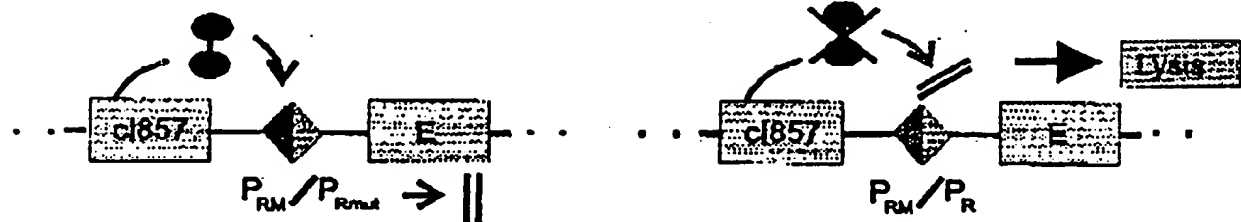
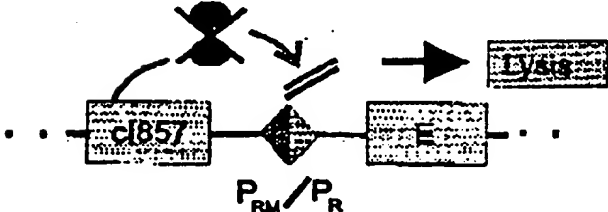
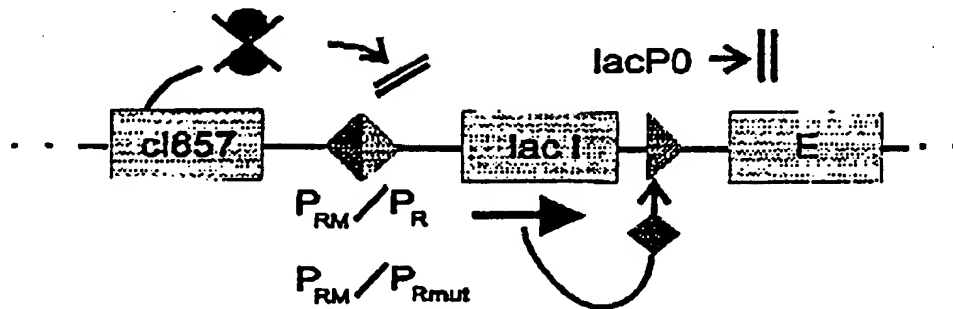


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1a) pAW12 $\leq 30^{\circ}\text{C}$  $\geq 30^{\circ}\text{C}$ b) pAWJ12 $\leq 37^{\circ}\text{C}$  $\geq 39^{\circ}\text{C}$ 

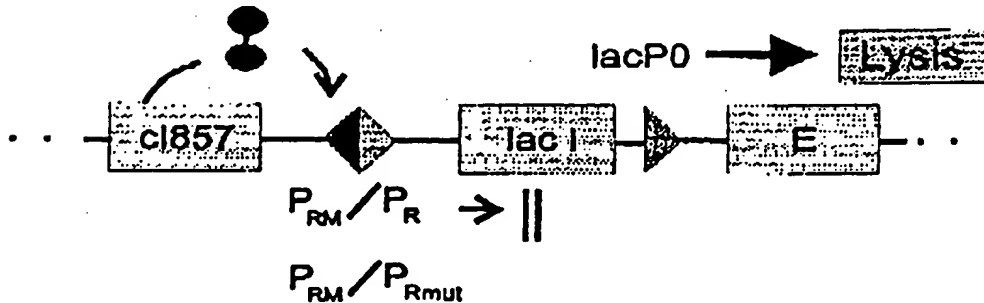
2a)

 $\geq 32^{\circ}\text{C}$ 

pCS1

pCSJ1

2b)

 $\leq 30^{\circ}\text{C}$ 

pCS1

pCSJ1

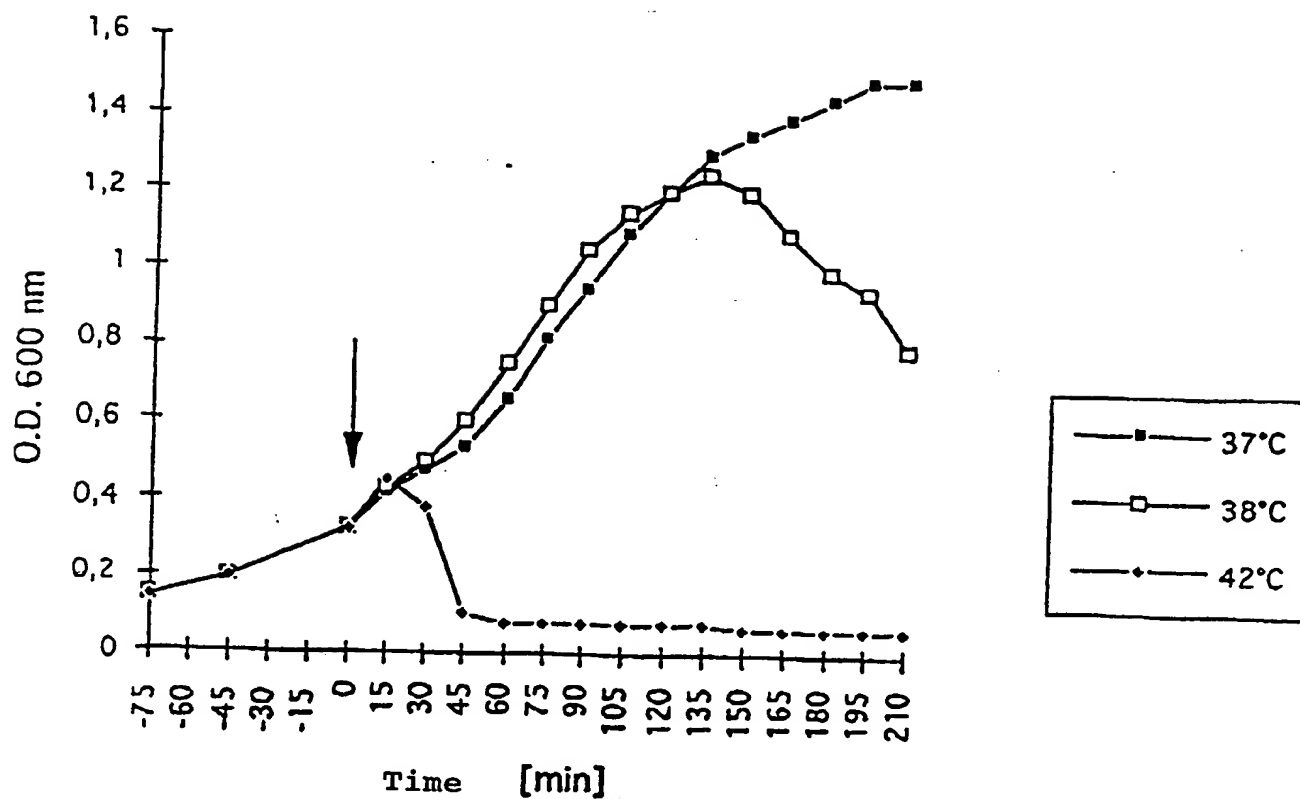


Fig. 3: Growth of *E. coli* NM522 (pAWJ12) when the temperature is changed from 28°C to higher temperatures (↓)

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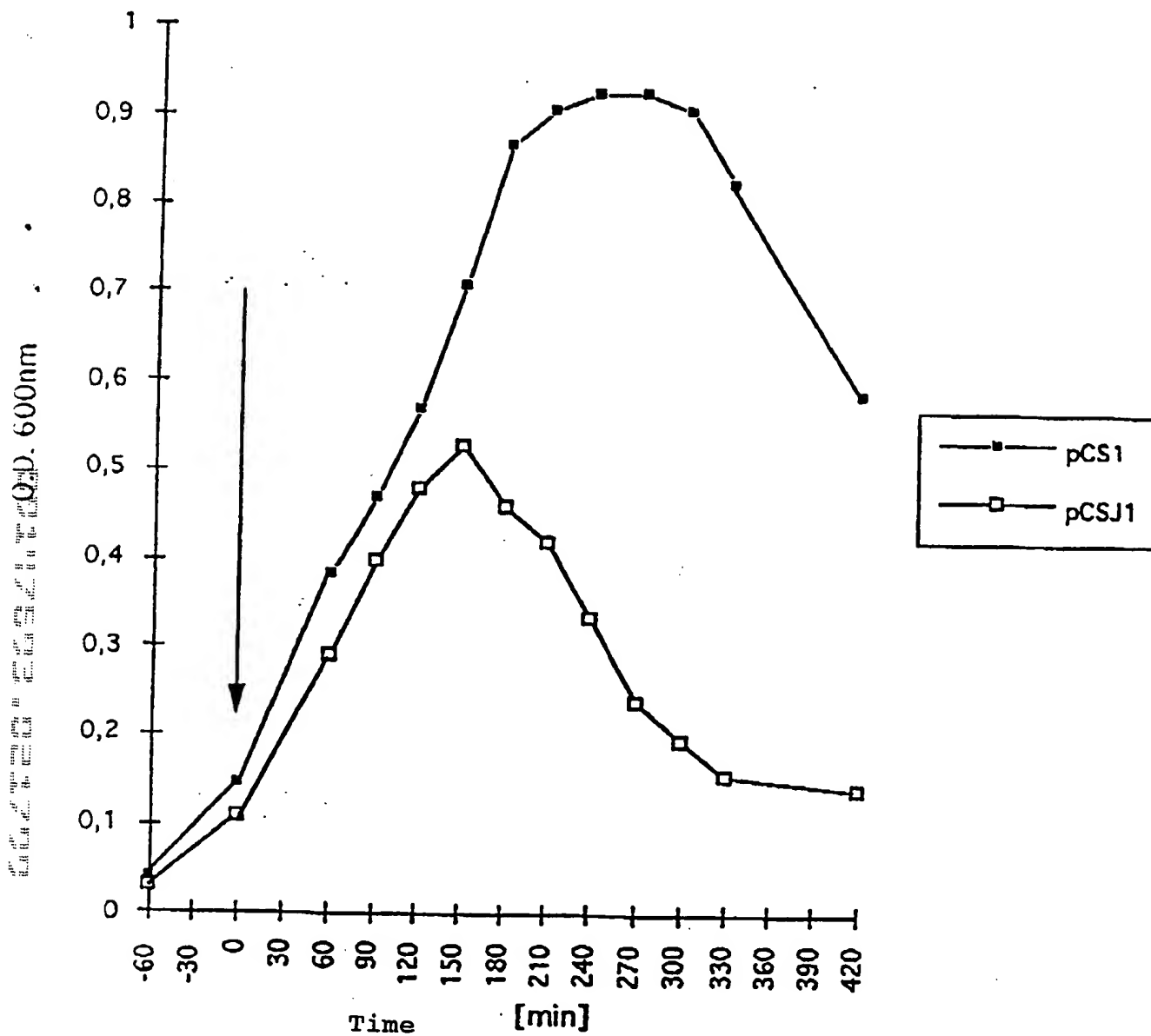


Fig. 5: Growth of *E. coli* MC4100 (pCS1) and MC4100 (pCSJ1) when the temperature is changed from 37°C to 28°C (↓)

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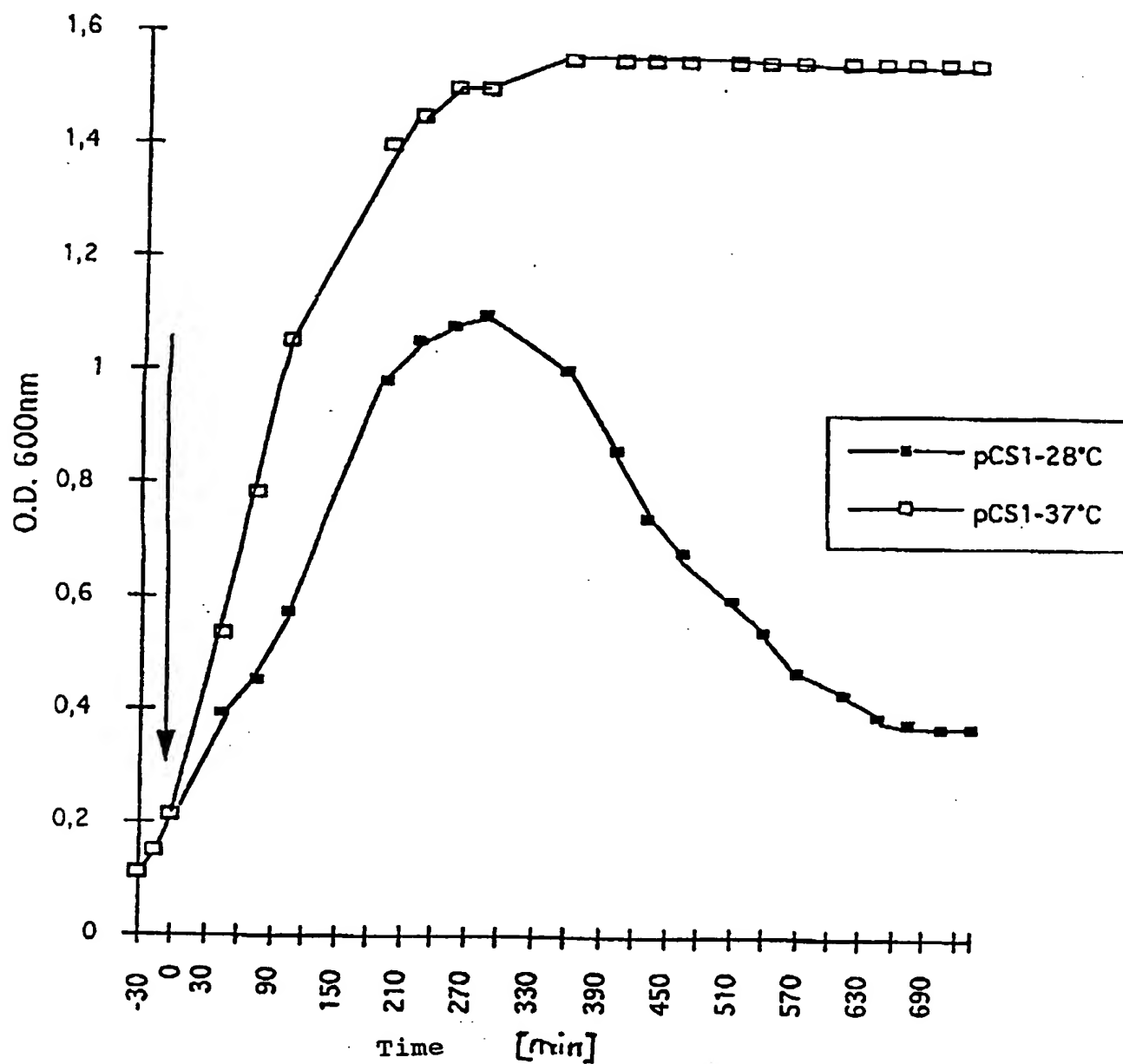


Fig. 4: Growth of *E. coli* MC4100 (pCS1) when the temperature is changed from 37°C to 28°C (↓)

Fig. 6a

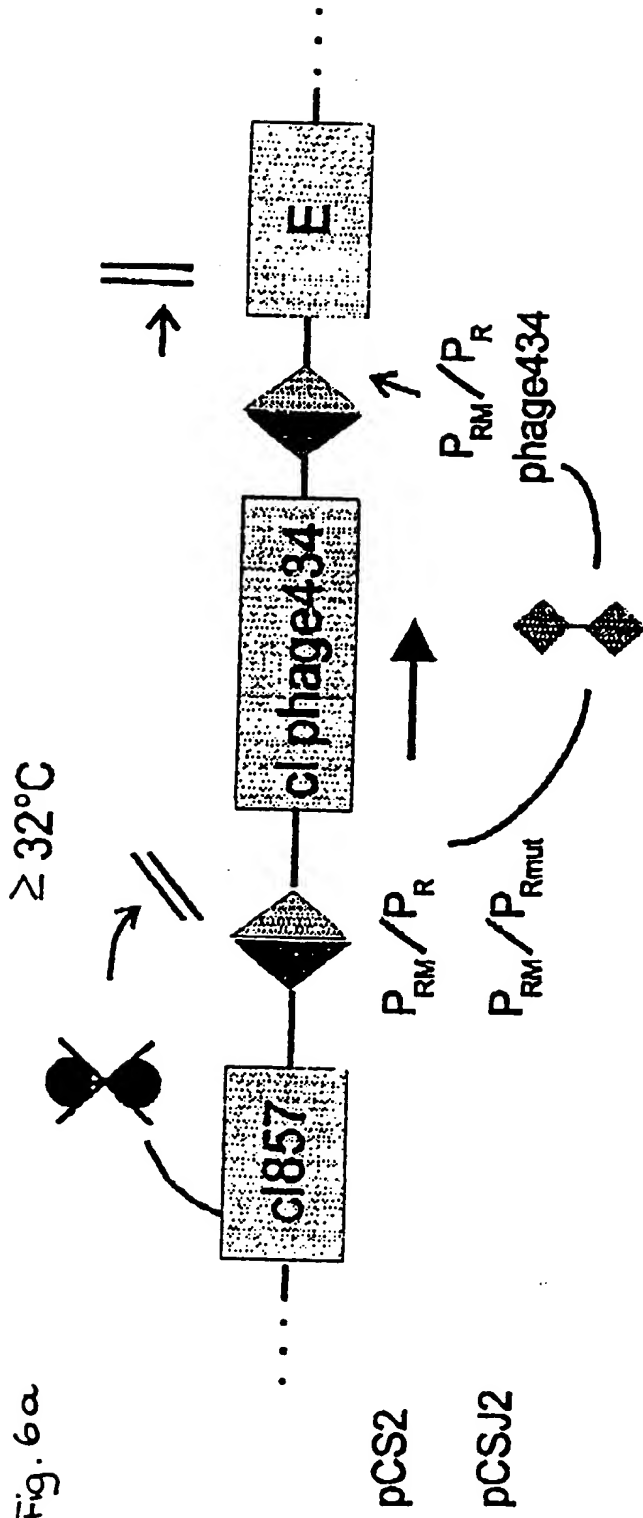


Fig 6b

